Testing Silicon Systems Vacuum Pumps

This procedure should be done once a month between stores or when no beam available and should be coordinated with the Silicon SPLs.

Procedure:

___1) Record the running pump number and air separator pressures here.
- ___a) SVX Pump #____ SVX Pressure _____
- ___b) ISL Pump #____ ISL Pressure _____

___2) Switch lead pump on SVX and monitor pressure. If pressure rises above 2.5 psia (alarm SP) then switch the lead back to original pump and report findings to SPL and Bill Noe for further troubleshooting and repairs.

___3) Switch lead pump on ISL and monitor pressure. If pressure rises above 2.5 psia (alarm SP) then switch the lead back to original pump and report findings to SPL and Bill Noe for further troubleshooting and repairs.

___4) Once both systems pumps have been switched continue to monitor pressures on both systems for a minimum of 15 minutes and record results.
- ___a) SVX Pump #____ SVX Pressure _____
- ___b) ISL Pump #____ ISL Pressure _____

___5) Return SVX back to original pump and monitor pressure.

___6) Return ISL back to original pump and monitor pressure.

___7) After 15 minutes record pressures here.
- ___a) SVX Pump #____ SVX Pressure _____
- ___b) ISL Pump #____ ISL Pressure _____

___8) Inform SPL that the procedure is complete. And post this sheet in the Silicon binder in the Cryo Control Room.

Date/Time _____

Name _____

Signed _____